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REPLACEMENT SHEET

08405454 - GAU: 1647

OK TO ENTER: /CMW/

07/21/2011

FIG. 1

*IMMUNOELECTROPHORESIS  
(I)*

*IgG (stnd)*

*(ANTI-)*

*ACP*

*IgG H+L*

*IgG (stnd)*

*T chain*

*IgG (AP)*

*T chain*

*4 hr. digest  
(Fab)*

○ ——

- - -

*IgG H+L*

FIG. 2

# IMMUNOELECTROPHORESIS (II)

FIG. 3IMMUNOELECTROPHORESIS  
(III)

FIG. 4

# *IMMUNOELECTROPHORESIS* (IV)

4 hr digest

F<sub>gdp</sub>

9

$$\propto I_{\mathrm{g}} G \quad H+L$$

4 hr digest

F<sub>ab</sub>



$$\propto I_0 G(T)$$

4 hr. digest

Fab



$$\propto F(ab)_2$$

4 hr. digest

Fab



$$\propto F(c)$$

4 hr. digest

$$F_{ab}$$



*CHROMATOGRAM OF F(ab) ISOLATION  
BY AFFINITY COLUMN*

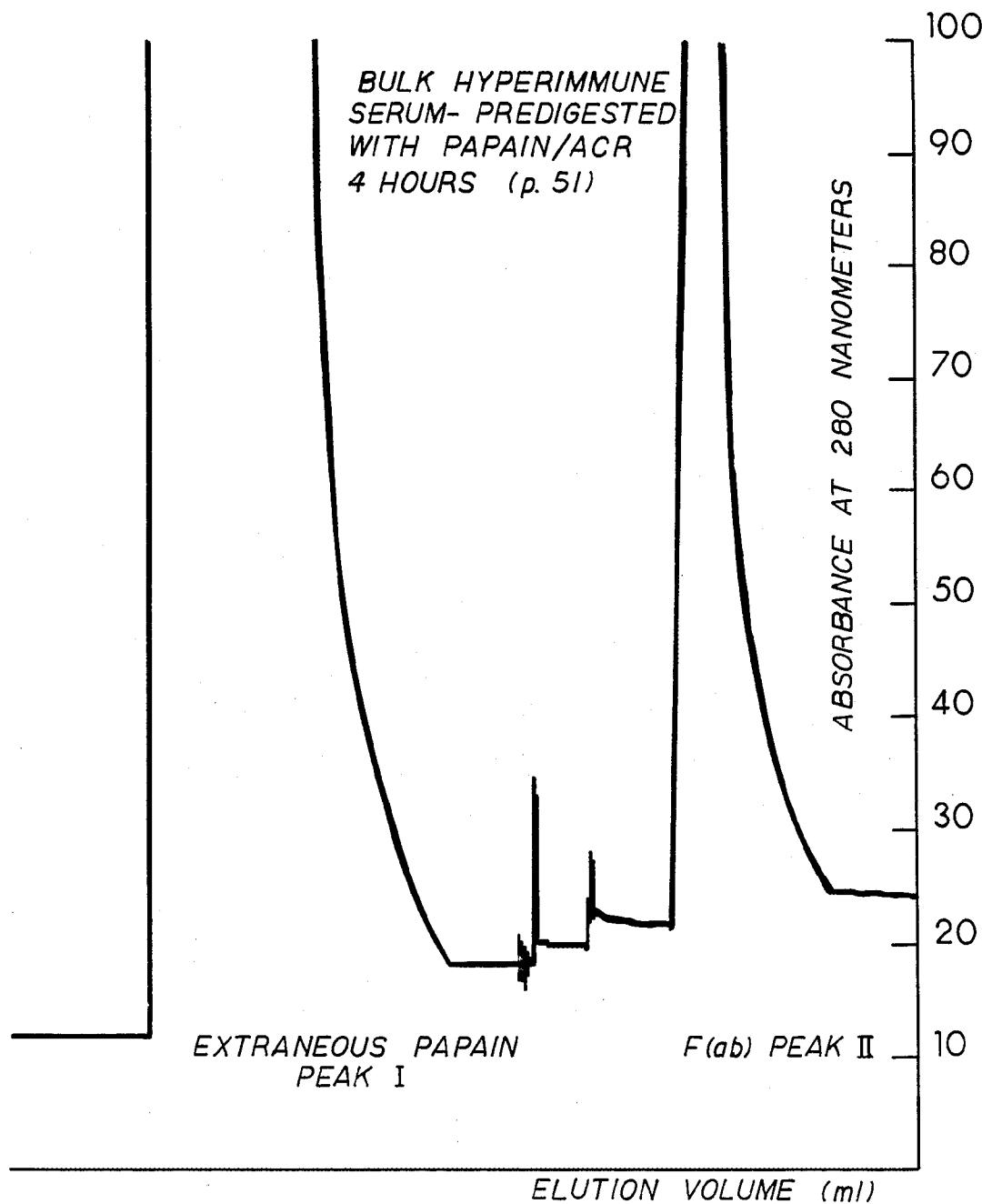


FIG. 5

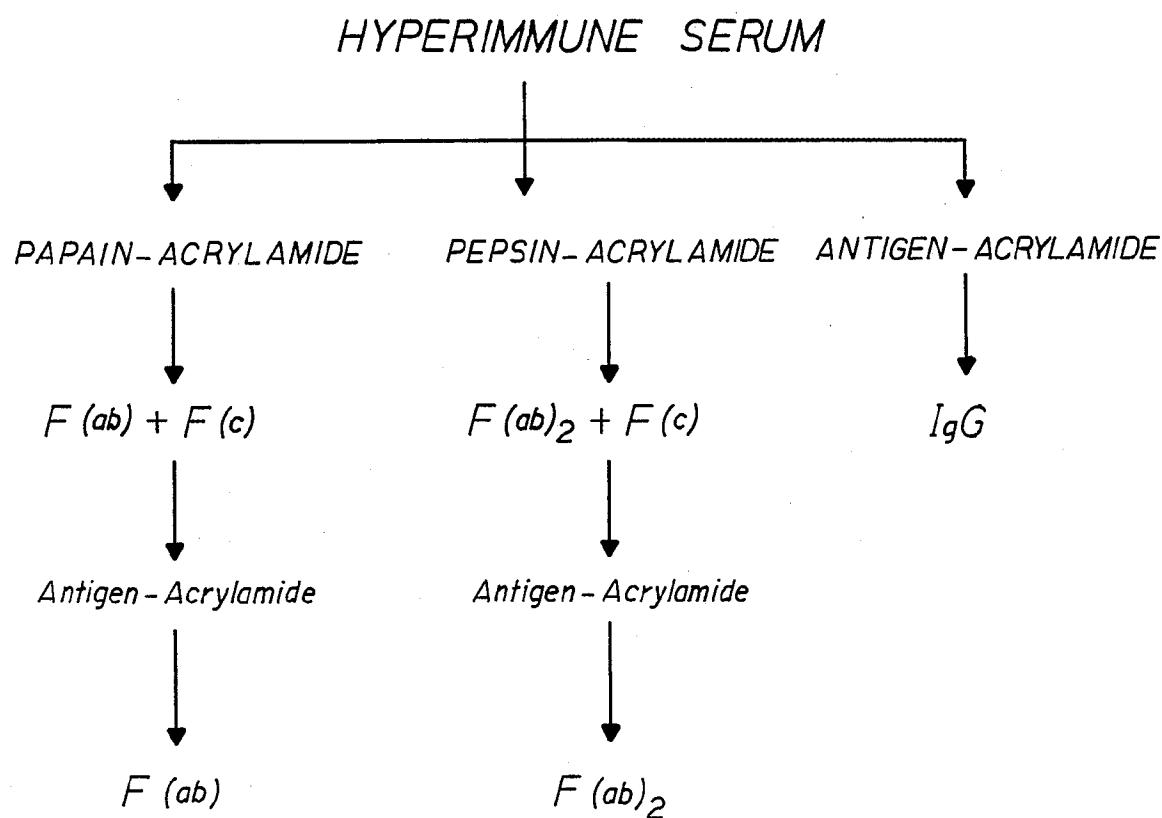
FIG. 6SCHEME OF PRODUCTION AND PURIFICATION  
SYSTEM

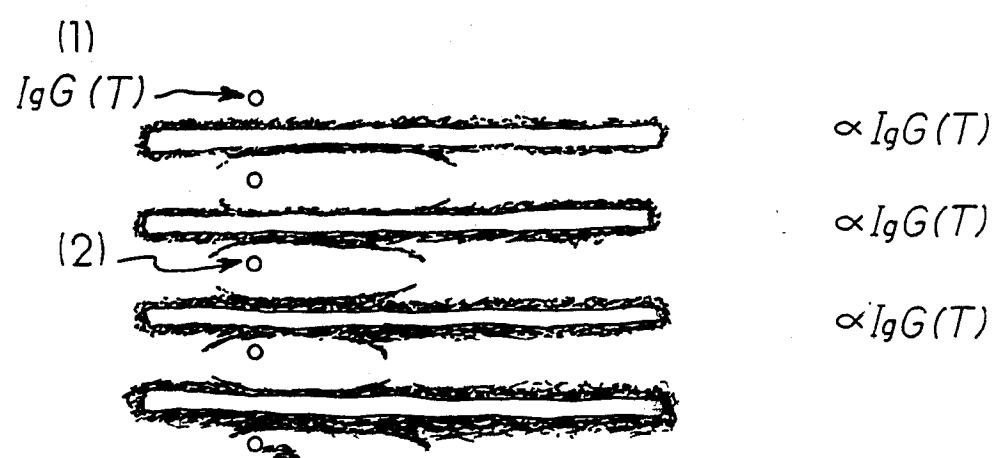
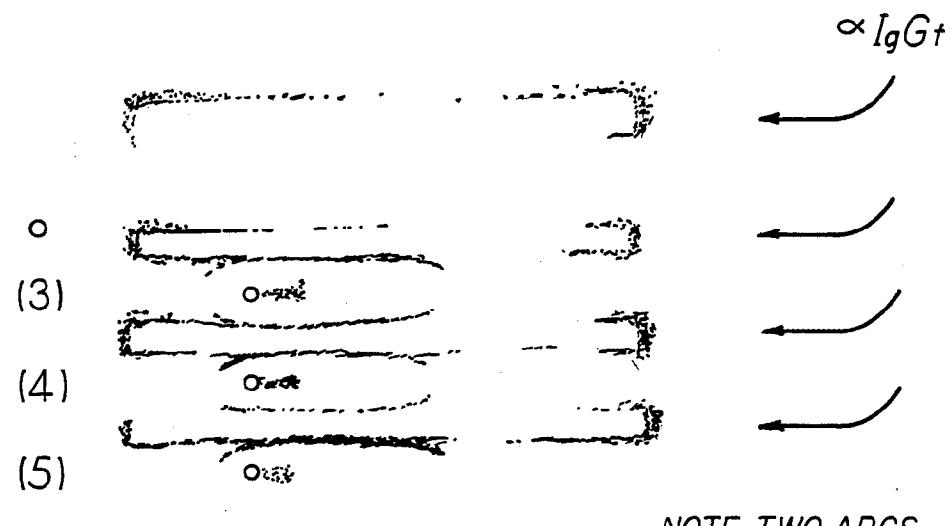
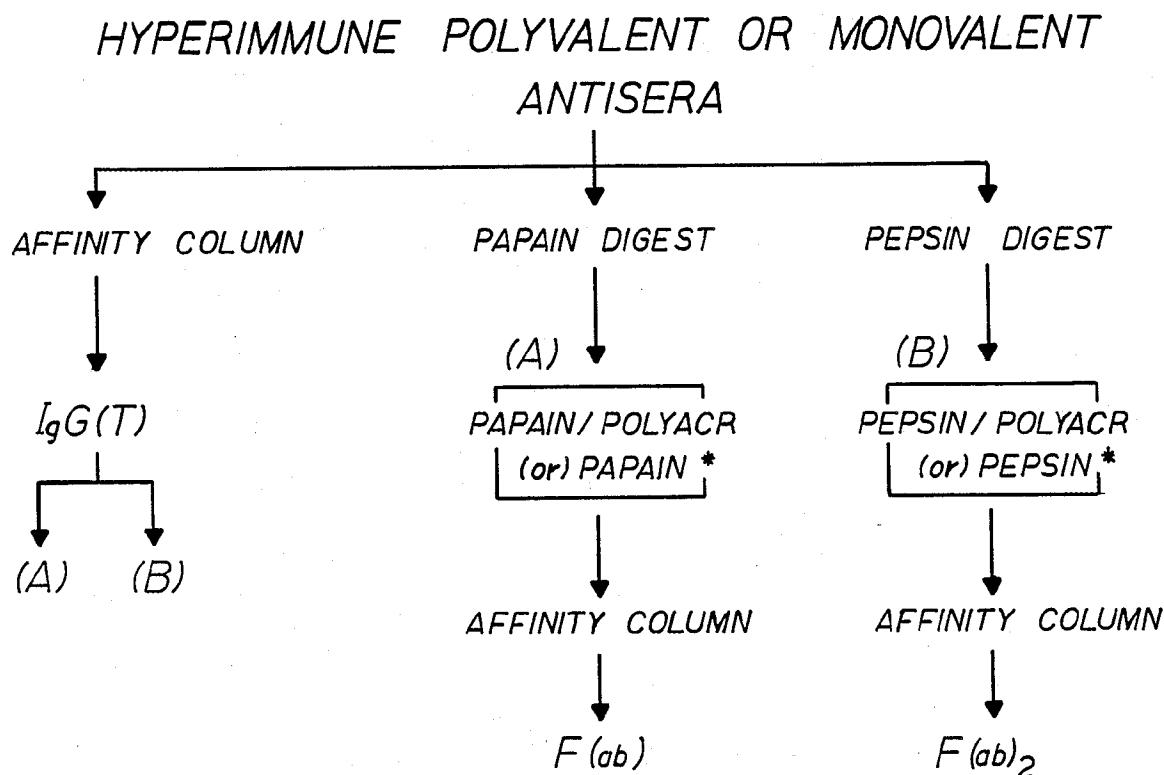
FIG. 7

FIG. 8

\* By modification of traditional method or by traditional method

**SCHEME OF ISOLATION OF IgG(T), POLYVALENT AND MONOVALENT, AS WELL AS PRODUCTION AND ISOLATION OF ANTIBODY FRAGMENTS, POLYVALENT AND MONOVALENT. PROCESS CAN BE USED TO ISOLATE MONOClonAL ANTIBODIES AND MONOClonAL FRAGMENTS AS WELL AS ANTIBODIES AND FRAGMENTS OF ANTIBODIES TO ANTIGENS IMMOBILIZED IN THE POLYACRYLAMIDE. THE ANTIBODY CAN BE ISOLATED INITIALLY AND THEN DIGESTED BY EITHER A OR B, FOLLOWED BY FRAGMENT ISOLATION.**